When it comes to securing MongoDB users there are a few best practices to follow. One best practices include MongoDB Authentication. MongoDB will support a few ways to authenticate like SCRAM, x.509 Certificate, LDAP proxy, and even Kerberos authentication. Another best practice for securing a user with MongoDB Authorization. You can also use role-based access control to restrict access to certain parts of the DB, such as admin roles, user roles etc. (Satori Cyber, 2023)

There are also a few best practices for MongoDB Queries. Which includes Authorization, auditing, and encryption. You can protect queries with role-based access control, by restricting what some users are able to do with queries, like users being able to search, and admins creating and deleting data. (Satori Cyber, 2023)

There is also a best practice for securing MongoDB data. One good way to secure the data inside your MongoDB is by encrypting your data. If there is a data breach encryption can reduce the damage done by unauthorized users with making data that is sensitive not able to read unless the user has decryption keys. (Satori Cyber, 2023). You can encrypt the data at rest, which is “where your data is stored” (Satori Cyber, 2023). And you can also encrypt your data in transit which is the data being sent to the database.

MongoDB has a recommended password policy. MongoDB recommends that their account must have at least eight characters, contain a unique character such as numbers or symbols, not have your email or atlas user, must be different that previous passwords and different from common passwords. (*Manage Your MongoDB Atlas Account — MongoDB Atlas*, n.d.)

References:

*Manage Your MongoDB Atlas Account — MongoDB Atlas*. (n.d.). MongoDB. Retrieved April 24, 2023, from https://www.mongodb.com/docs/atlas/security/manage-your-mongodb-atlas-account/

Satori Cyber. (2023, April 22). *11 MongoDB Security Features and Best Practices*. Satori. Retrieved April 24, 2023, from https://satoricyber.com/mongodb-security/11-mongodb-security-features-and-best-practices/